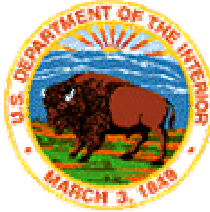


# Bureau of Land Management

Amarillo Field Office

Helium Operations



Statistical Report  
for  
August - 2004



## *Distribution:*

Fluid Minerals Group Manager, Washington Office  
NMSO, New Mexico State Director  
NMSO, Associate State Director  
NMSO, Petroleum Engineer  
Field Manager, Amarillo Field Office  
Assistant Field Managers (3)  
Team Leaders  
-Federal Leased Lands  
-Resources Evaluation & Gas Analysis  
-Natural Gas Engineering

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Amarillo, Texas

Issued: October 19, 2004

**\*Tables include COMPANY PROPRIETARY INFORMATION (shaded) and is for internal use only.  
This information shall not be released unless express permission is authorized.**

Approved for distribution: *Nelson R. Bullard*

Date: 10/19/2004

Table 1 - Summary of Helium Operations

August - 2004

In Kind Sales		NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**	
Total month		0	0	0	0	0	0	0	0	\$0	
Total FYTD		77,824	5,334	0	18,897	22,113	32,473	156,642	154,217	\$8,250,891	
Total CYTD		50,218	3,808	0	9,573	17,972	23,373	104,944	103,319	\$5,579,069	
In Kind Transfers								Month	FYTD	CYTD	Cumulative
Transferred								33,890	181,807	135,245	1,341,745
Volume outstanding								18,972			
Open Market Sales					Award Volume		Outstanding		Sales	Charges Billed (\$)**	
Total month					0		(168,900)		168,900	\$9,120,600	
Total FYTD					675,600		0		675,600	\$36,482,400	
Total CYTD					0				656,700	\$35,461,800	
Open Market Transfers								Month	FYTD	CYTD	Cumulative
Transferred								168,900	1,085,600	675,600	2,315,600
Volume outstanding								0			
Natural Gas/Liquids Sales			Natural Gas (Mcf)		NGLs (gal)		Decatherms		\$/unit	Charges Billed (\$)**	
Total month			229,873		76,272		281,134		\$5.1676	\$1,446,068	
Total FYTD			2,541,090		612,051		2,892,850		\$5.1643	\$14,854,392	
Total CYTD			2,047,278		562,841		2,319,120		\$5.3075	\$12,237,016	
Purchased Helium	Month			Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative	
	Helium Mixture	Helium Percent	Helium	Low Purity Helium		Below 50% Helium		Contained Helium			
			202,790					1,267,407	810,845	32,176,145	
										5,642,685	
Purchased helium in storage										26,533,460	
Private Plant Activity											
Accepted in storage system			79,371	67.1%	53,249	1,182	12,654	(111)	(2,376)	661,767	463,322
Redelivered from storage system			(279,787)	75.2%	(210,516)	0	0	32	583	(1,881,460)	(1,406,684)
Total apparent crude produced^			192,044	71.3%	136,912					1,462,138	1,048,383
Total apparent crude refined^			(392,460)	75.0%	(294,179)					(2,682,779)	(1,992,692)
Storage Contract Activity	Metered Gas					Transferred Gas		Stored Helium	Charges Billed (\$)**		
	Gross Gas	Helium	Helium			Helium		Helium			
	Month		FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
	Crude Acquired	79,073	53,138	659,391	461,790	25,834,399	251,750	29,029,396			
	Crude Disposed	279,683	210,484	1,880,877	1,406,106	25,318,635	48,960	26,014,464		\$334,535	Storage Fees
Grade-A Rdlvrd	0	0	0	0	1,478,718	0	0		\$128,843	RMF Fees	
Net/Balance	(200,610)	(157,346)	(1,221,486)	(944,316)	(962,954)	202,790	3,014,932	2,051,978	\$463,378	\$4,256,013	
Bush Dome Reservoir Operations			Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery		
Conservation gases from all sources			Gross	Net	Gross	Net	Gross	Net	Gross	Net	
In underground storage, beg. of period			40,148,645	28,924,344	41,328,824	29,775,145	490,620	490,620	0	0	
Net Activity			(186,341)	(143,654)	(1,366,520)	(994,455)	39,471,684	28,290,070	39,962,304	28,780,690	
Total in underground storage			39,962,304	28,780,690	39,962,304	28,780,690	39,962,304	28,780,690	39,962,304	28,780,690	
Native Gas			202,318,935		206,235,982		265,724,755		318,727,000		
Total in place, beg. of period											
Net Activity			(398,019)		(4,315,066)		(63,803,839)		(116,806,084)		
Total in place, end of month			201,920,916		201,920,916		201,920,916		201,920,916		
Native Gas plus Conservation Gases			242,467,579		247,564,806		266,215,375		318,727,000		
Total gases in place, beg. of period											
Net Activity			(584,360)		(5,681,586)		(24,332,155)		(76,843,780)		
Total gases in place, end of month			241,883,220		241,883,220		241,883,220		241,883,220		
Helium Resources Evaluation					Month		FYTD				
Revenue Collected from Federal Lease Holds					\$598,561		\$7,099,745				
Helium Sample Collection Report for month					Submitted	51	Received	9	Analyzed	128	
Helium Enrichment Unit Operations			Month			FYTD			Cumulative		
			Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium
Gas Processed											
Plant feed			582,397	27.7%	161,134	5,392,426	20.7%	1,118,895	8,154,140	18.0%	1,471,759
Helium product			201,367	79.3%	159,641	1,391,227	77.9%	1,084,240	1,817,443	77.4%	1,406,761
Residue natural gas			238,626	0.0%	0	2,551,468	0.0%	654	4,081,113	0.0%	664
Vent, flare & plant losses			134,225	1.2%	1,554	1,419,381	2.4%	34,265	2,545,127	2.5%	64,598
Helium recovery efficiency					99.1%			97.0%			95.6%

\* Volumes in Mcf at 14.7 psia &amp; 70°F; all other volumes in 14.65 psia &amp; 60°F

\*\*Rounded to nearest dollar

^ Other sources of helium are accessed but data are not available

Table 2 - In Kind Helium Sales

August - 2004

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$) **	
In Kind Helium										
Aeriform, Contract no. INC98-0101 (billed quarterly)										
Month										
FYTD										
AGA Gas, Inc., Contract no. INC98-0102										
Month										
FYTD										
AirGas, Inc., Contract no. INC98-0103										
Month										
FYTD										
Air Liquide America, L.P., Contract no. INC98-0104										
Month										
FYTD										
Air Products, L.P., Contract no. INC98-0105										
Month										
FYTD										
BOC Gases, Contract no. INC98-0106										
Month										
FYTD										
Corp Brothers, Inc., Contract no. INC98-0107										
Month										
FYTD										
FIBA Technologies, Inc., Contract no. INC98-0108										
Month										
FYTD										
General Air Service & Supply Co., Contract no. INC98-0109										
Month										
FYTD										
Jack B. Kelley Co., Contract no. INC98-0110										
Month										
FYTD										
Portland Welding Supply, Contract no. INC98-0111										
Month										
FYTD										
Praxair, Inc., Contract no. INC98-0112										
Month										
FYTD										
United States Welding, Inc., Contract no. INC98-0113										
Month										
FYTD										
Tri-Gas, Inc., Contract no. INC98-0114										
Month										
FYTD										
Messer Griesheim Ind., Contract no. INC00-0115										
Month										
FYTD										
Total month	0	0	0	0	0	0	0	0	\$0	
Total FYTD	77,824	5,334	0	18,897	22,113	32,473	156,642	154,217	\$8,250,891	
Total CYTD	50,218	3,808	0	9,573	17,972	23,373	104,944	103,319	\$5,579,069	
Cumulative	782,806	23,737	58	187,417	203,549	184,549	1,382,115	1,360,642	\$68,487,146	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							33,890	181,807	135,245	1,341,745
Volume outstanding							18,972			

\* Volumes in Mcf at 14.7 psia &amp; 70°F

+ Volumes in Mcf at 14.65 psia &amp; 60°F

\*\*Rounded to nearest dollar

COMPANY PROPRIETARY INFORMATION

Table 2.1 - Open Market/Reserve Sell-down  
Helium & Natural Gas Sales

August - 2004

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$) **
<b>Conservation Helium</b>				
<b>Air Liquide America, L.P.</b> (billed quarterly)				
Month	0	0	0	\$0
FYTD	0	0	0	\$0
Cumulative	50,000		50,000	\$2,625,000
<b>Air Products, L.P.</b>				
Month	0	0	0	\$0
FYTD	0	0	0	\$0
Cumulative	680,400		680,400	\$35,721,000
<b>BOC Gases</b>				
Month	0	(137,500)	137,500	\$7,425,000
FYTD	550,000	0	550,000	\$29,700,000
Cumulative	1,384,000		1,384,000	\$73,485,000
<b>Keyes Helium Co.</b>				
Month	0	(18,900)	18,900	\$1,020,600
FYTD	75,600	0	75,600	\$4,082,400
Cumulative	151,200		151,200	\$8,051,400
<b>AGA Gas, Inc.</b>				
Month	0	(12,500)	12,500	\$675,000
FYTD	50,000	0	50,000	\$2,700,000
Cumulative	50,000		50,000	\$2,700,000
<b>Total month</b>	0	(168,900)	168,900	\$9,120,600
<b>Total FYTD</b>	675,600	0	675,600	\$36,482,400
<b>Total CYTD</b>	0		656,700	\$35,461,800
<b>Cumulative</b>	2,315,600		2,315,600	\$122,582,400
<b>Open Market Transfers</b>				
	Month	FYTD	CYTD	Cumulative
Transferred	168,900	1,085,600	675,600	2,315,600
Volume outstanding	0			

\* Volumes in Mcf at 14.65 psia & 60°F

	Natural Gas (Mcf) ***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$) **
<b>Natural Gas/Liquids Sales</b>					
<b>El Paso Natural Gas</b> Provides Firm/Interruptible natural gas transportation services (billed monthly)					
Month	228,625		248,187	(\$0.1106)	(\$27,460)
FYTD	2,491,737		2,747,790	(\$0.1099)	(\$302,061)
Cumulative	3,683,158		4,070,138	(\$0.1147)	(\$466,822)
<b>Minerals Management Service</b> Provides natural gas marketing services under a Cooperative Agreement					
Month				\$0.0000	\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0034)	(\$12,448)
<b>Cenergy Marketing</b>					
Month	228,625	0	273,000	\$5.190330	\$1,410,242
FYTD	2,527,289	0	2,827,987	\$5.228541	\$14,701,181
Cumulative	3,763,288	0	4,104,861	\$5.161093	\$21,070,469
<b>Seminole Transportation &amp; Gathering</b>					
Month	0	76,272	8,134	\$7.780546	\$63,287
FYTD	0	612,051	64,863	\$7.018992	\$455,273
Cumulative	0	612,051	64,863	\$7.018992	\$455,273
<b>Total month</b>	228,625	76,272	281,134	\$5.167596	\$1,446,068
<b>Total FYTD</b>	2,527,289	612,051	2,892,850	\$5.164269	\$14,854,392
<b>Total CYTD</b>	2,036,159	562,841	2,319,120	\$5.307457	\$12,237,016
<b>Cumulative</b>	3,763,288	612,051	4,169,724	\$5.075053	\$21,046,471

\*\*\* Volumes in Mcf at 14.73 psia & 60°F

\*\*Rounded to nearest dollar

**Table 3 - Helium Resources Evaluation**

August - 2004

All Volumes in Mcf at 14.7 psia & 70°F

<b>Revenue Collected From Federal Leaseholds</b>	Month*	FYTD*
Fee Sales & Royalties	\$585,828	\$7,046,871
Natural Gas Royalties (1)	\$3,096	\$34,747
Natural Gas Rentals	\$0	\$1,280
Other	\$16,776	\$67,585
Revenue Collected from Federal Lease Holds	\$598,561	\$7,099,745

\*Totals do not sum

<b>Helium Analysis and Evaluation</b>	Month	FYTD
Number of Sample Request Letters Sent	51	142
Number of Samples Received	9	33
Number of Samples Analyzed	14	56
Total Number of Samples Analyzed For Resources Division	56	130
Total Number of Samples Analyzed (2)	128	1,030

### U. S. Helium Production

<i>Domestic</i>	CY Volumes
1998 Helium Sold	4,029,755
1999 Helium Sold	4,203,019
2000 Helium Sold	4,564,589
2001 Helium Sold	4,756,719
2002 Helium Sold	4,584,904
2003 Helium Sold	4,399,944
2004 Helium Sold (projected)	4,500,000
<b>Estimated Helium Resources (as of 01/01/2003)</b>	<b>305,000,000</b>

	FY-2003	CY-2003
<b>U.S. Helium Exports</b> (3)	1,457,623	1,487,258

(1) Includes drip gas sales & other miscellaneous gas sales.

(2) Includes pipeline, field survey, and other requested analyses.

(3) Data from Department of Commerce - Bureau of the Census.

Table 4 - Federal Acquisition &amp; Storage Operations

August - 2004

All Volumes in Mcf at 14.65 psia &amp; 60°F

Month			Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
Helium-Gas Mixture	Helium Percent	Helium	Low Purity Helium		Below 50% Helium		Contained Helium		

**Purchased**

Cities Service Helex - Jayhawk	---								6,403,147
National Helium Corp. - Liberal	---								11,561,830
Nothorn Helex Co. - Bushton	---								4,475,921
Phillips Petroleum - Dumas	---								5,111,036
Phillips Petroleum - Sherman	---								4,624,211
<i>Total purchased</i>									32,176,145

Purchased helium produced/transferred	202,790					1,267,407	810,845		5,642,685
Balance of purchased helium in storage									26,533,460

**Bureau Plants**

Delivery/Handling Credit	0	---	0			0			13,205,259
Withdrawal	0	---	0			0			7,540,255

**Private Plants**

Helium accepted under terminated contracts (pre-FY96)

Helium redelivered under terminated contracts (pre-FY96)

									16,453,073
									13,007,062
Pioneer - Fain*									
GPM - Dumas*									
Crescendo - Sunray*									
Air Products - Guymon*									
GPM - Sherhan*									
GPM to APG+									
<i>Total GPM - Sherhan</i>									
Keyes Helium - Sturgis* ^									
Keyes Helium - Sturgis* ^									
<i>Total Keyes Helium - Sturgis* ^</i>									
Pioneer - Satanta*									
Williams - Baker*									
National Helium - Liberal*									
National to APL+									
<i>Total National Helium - Liberal</i>									
Air Products - Liberal*									
Praxair - Jayhawk* ^									
Praxair - Jayhawk* ^									
<i>Total Praxair - Jayhawk* ^</i>									
Amoco to Praxair+									
CIG - Lakin*									
BOC Gases - Otis* ^									
KN Processing - Bushton*									
KNP to Praxair+									
<i>Total KN Processing - Bushton</i>									
Praxair - Bushton*									

**Plant Inactive**

Accepted in storage system	79,371	67.1%	53,249	1,182	12,654	(111)	(2,376)	661,767	463,322	8,465,994
Redelivered from storage system	(279,787)	75.2%	(210,516)			32	583	(1,881,460)	(1,406,684)	(13,493,838)
Total apparent crude produced^	192,044	71.3%	136,912					1,462,138	1,048,383	8,639,379
Total apparent crude refined^	(392,460)	75.0%	(294,179)					(2,682,779)	(1,992,692)	(14,223,134)

\* Denotes CUSTODY TRANSFER activity in to or out of the crude helium pipeline system

+ Denotes activity between private plants that does not enter the crude helium pipeline system

^ Other sources of helium are accessed by helium refiners, but data are not available to BLM

**Acquisition & Storage Summary - Contained Helium**

	Month	FYTD	Cumulative
Total acquisition	53,249	661,767	70,300,471
Total disposition	210,516	1,881,460	42,971,227
Total stored in conservation system	(157,267)	(1,219,693)	27,329,244

Helium in pipeline system plus apparent losses	(1,451,446)
Helium in underground storage	28,780,690

COMPANY PROPRIETARY INFORMATION

Table 4.1 - Helium Storage Contract Activity

August - 2004

All Volumes in Mcf at 14.65 psia &amp; 60°F

	Metered Gas						Transferred Gas		Stored Helium EOM	Charges Billed (\$)**		
	Gross Gas	Helium %	Helium	Helium			Helium			Month	FYTD	
	Month			FYTD	CYTD	Cumulative	Month	Cumulative				
Total All Contracts*												
Crude Acquired	79,073	67.2%	53,138	659,391	461,790	25,834,399	251,750	29,029,396				
Crude Disposed	279,683	75.3%	210,484	1,880,877	1,406,106	25,318,635	48,960	26,014,464		\$334,535	Storage Fees	
Grade-A Rdlvrd	0		0	0	0	1,478,718				\$128,843	RMF Fees	
Net/Balance	(200,610)		(157,346)	(1,221,486)	(944,316)	(962,954)	202,790	3,014,932	2,051,978	\$463,378	\$4,256,013	
Total Prior Contracts (TERMINATED)												
Crude Acquired				0	0	17,406,129	0	18,196,898				
Crude Disposed				0	0	11,830,863	0	19,148,768				
Grade-A Rdlvrd				0	0	1,478,718						
Number of trailers				0	0	9,834			0			
BOC Gases, Contract no. 1995-3249												
Crude Acquired												
Crude Disposed												
Net/Balance												
Praxair, Inc., Contract no. 1995-3251 months - projected depletion												
Crude Acquired												
Crude Disposed												
Net/Balance												
Air Products, L.P., Contract no. 1995-3256												
Crude Acquired												
Crude Disposed												
Net/Balance												
Oneok Field Services, Contract no. 1995-3258												
Crude Acquired												
Crude Disposed												
Net/Balance												
ExxonMobil Gas Marketing Co., Contract no. 1995-3280												
Crude Acquired												
Crude Disposed												
Net/Balance												
Pioneer, Contract no. 1995-3286 months - projected depletion												
Crude Acquired												
Crude Disposed												
Net/Balance												
Keyes Helium Co., Contract no. 1995-3287												
Crude Acquired												
Crude Disposed												
Net/Balance												
Messer Griesheim Ind., Contract no. 1998-3283 months - projected depletion												
Crude Acquired												
Crude Disposed												
Net/Balance												
Linde Gas LLC, Contract no. 2001-3282												
Crude Acquired												
Crude Disposed												
Net/Balance												
Mitsui & Co. (U.S.A.), Inc., Contract no. 2002-3289												
Crude Acquired												
Crude Disposed												
Net/Balance												
Air Liquide America, L.P., Contract no. 2003-3284												
Crude Acquired												
Crude Disposed												
Net/Balance												
Government Helium												
Crude Acquired							0	32,176,145				
Crude Disposed:	In Kind Sales						33,890					
	Open Market/Reserve Sell down						168,900	5,642,685				
Net/Balance									26,533,460			

\*Includes In Kind and Open Market transfers from Government storage

\*\*Rounded to nearest dollar

COMPANY PROPRIETARY INFORMATION

Table 5 - Pipeline &amp; Cliffside Field Operations

August - 2004

All Volumes in Mcf at 14.65 psia &amp; 60°F

	Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
<b>Conservation Pipeline</b>								
Beginning of period inventory (1)	46,175	35,002	46,638	32,039	0	0		
Measured to pipeline (2)	297,437	225,784	2,831,046	2,060,376	113,706,999	81,242,986		
Measured from pipeline (3)	279,787	210,516	2,624,482	1,881,460	47,829,996	34,076,513		
Measured into Bush Dome (4)	17,435	13,692	202,355	156,737	64,559,362	46,394,273		
Calculated inventory (1+2-3-4)	46,390	36,578	50,847	54,218	1,317,641	772,200		
End of period inventory	42,777	32,370	42,777	32,370	42,777	32,370		
Line gain or (loss)	(3,613)	(4,208)	(8,071)	(21,848)	(1,274,864)	(739,829)		
Percent gain (loss) of total measured	-0.608%	-0.935%	-0.143%	-0.533%	-0.564%	-0.457%		
<b>Bush Dome Reservoir Operations</b>								
<i>Conservation gases from all sources</i>								
In underground storage, beg. of period	40,148,645	28,924,344	41,328,824	29,775,145	490,620	490,620	0	0
Injected during period to date	17,435	13,692	202,355	156,737	64,555,220	46,390,927	65,163,120	46,998,827
Withdrawn during period to date	203,776	157,346	1,568,874	1,151,192	25,129,686	18,147,006	25,246,966	18,264,286
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	39,962,304	28,780,690	39,962,304	28,780,690	39,962,304	28,780,690	39,962,304	28,780,690
<i>Native Gas</i>								
Total in place, beg. of period	202,318,935		206,235,982		265,724,755		318,727,000	
Recoverable in place, beg. of period	193,267,935		197,184,982		256,673,755		309,676,000	
Production during period to date	398,019		4,315,066		63,803,839		116,806,084	
Total in place, end of month	201,920,916		201,920,916		201,920,916		201,920,916	
Recoverable in place, end of month	192,869,916		192,869,916		192,869,916		192,869,916	
<i>Native Gas plus Conservation Gases</i>								
Total gases in place, beg. of period	242,467,579		247,564,806		266,215,375		318,727,000	
Total gases in place, end of month	241,883,220		241,883,220		241,883,220		241,883,220	
Change during period	(584,360)		(5,681,586)		(24,332,155)		(76,843,780)	
<i>Ave. reservoir pressure, beg. of period</i>								
	619.3		636.3		685.0		814.1	
<b>Tuck Trigg Reservoir Operations</b>								
<i>Native Gas</i>								
Total in place, beg. of period	5,198,688		5,198,688				5,890,000	
Recoverable in place, beg. of period	4,528,688		4,528,688				5,220,000	
Production during period to date	0		0				691,312	
Total in place, end of month	5,198,688		5,198,688				5,198,688	
Recoverable in place, end of month	4,528,688		4,528,688				4,528,688	
<i>Ave. reservoir pressure, beg. of period</i>								
	483.7		483.7				548.0	
<b>Natural Gas Sales - Booster Compressor Operations</b>								
<i>Field/HEU Compressor Operations</i>					Totals		Cumulative	
					Month	FYTD		
Spot gas fuel price				\$ per/MMBTU	\$5.19	\$4.86		\$4.43
Fuel used				total MMBTU	9,159	78,447		189,279
Field compressor fuel revenue				\$dollars	\$2,913	\$58,608		\$413,047
HEU compressor fuel credit				\$dollars	\$35,127	\$184,627		\$236,723
#1 Compressor run time				hours	533	2450		15,936
#2 Compressor run time				hours	440	3322		8,893
#3 Compressor run time				hours	357	3326		6,765
<i>Field Compressor Charges</i>					Charges Billed (\$)*			
BOC Gases, Contract no. 1995-3249								
Praxair, Inc., Contract no. 1995-3251								
Air Products, L.P., Contract no. 1995-3256								
Keyes Helium Co., Contract no. 1995-3287								
<b>SubTotal</b> - Cliffside Refiners, LP (provides booster compression services)					(\$70,441)	(\$673,816)		(\$3,383,434)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel, labor, supplies, etc.)					\$26,644	\$188,869		\$805,362
<b>Net Total</b> - Cliffside Refiners, LP					(\$43,796)	(\$484,947)		(\$2,578,072)

\*Rounded to nearest dollar



Table 6 - Helium Enrichment Unit Operations

August - 2004

All Volumes in Mcf at 14.65 psia & 60°F (\*except where noted)

Gas Processed	Month			FYTD			Cumulative		
	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium
Plant feed	582,397	27.7%	161,134	5,392,426	20.7%	1,118,895	8,154,140	18.0%	1,471,759
Helium product	201,367	79.3%	159,641	1,391,227	77.9%	1,084,240	1,817,443	77.4%	1,406,761
Residue natural gas	238,626	0.0%	0	2,551,468	0.0%	654	4,081,113	0.0%	664
Vent, flare & plant losses	134,225	1.2%	1,554	1,419,381	2.4%	34,265	2,545,127	2.5%	64,598
Helium recovery efficiency			99.1%			97.0%			95.6%

Utility Usage	Month			FYTD			Cumulative		
	Volume*	KWh	Runtime	Volume*	KWh	Runtime	Volume*	KWh	Runtime
Natural gas liquids (*gallons)	76,862			623,326			623,326		
K100 compressor		371,187	730		4,577,284	6,880		9,533,844	10,868
K600 compressor		0	701		12,614,087	6,367		20,292,566	9,875
K610 compressor			683			6,151			9,087
Dew point control system			691		116,557	5,693		116,557	5,693
Other electrical usage		(371,187)			(477,448)	8,064		1,818,237	12,904
Fuel gas (*Mcf)	1,754			28,965			49,673		
Water (*gallons)	3,800			38,447			52,737		

HEU Runtime & Charges

Enrichment Unit Runtime	Month		FYTD		Cumulative	
	Runtime	Percent	Runtime	Percent	Runtime	Percent
Processing feed gas	730	98.1%	6,880	85.3%	10,868	84.2%
Producing natural gas liquids	691	92.8%	5,693	70.6%	5,693	44.1%
Producing helium product	683	91.8%	6,151	76.3%	9,087	70.4%
Producing residue gas	701	94.2%	6,367	79.0%	9,875	76.5%

Enrichment Unit Charges	Charges Billed (\$)*		
Reservior Management Fees (RMF)	\$128,843	\$975,627	\$1,547,796
Total operating costs	(\$661,168)	(\$8,870,902)	(\$13,862,999)
Labor	\$32,270	\$378,783	\$828,772
Compressor fuel	\$10,446	\$162,646	\$189,235
HEU fuel	\$11,245	\$150,691	\$208,099
Electric power	\$130,830	\$1,168,144	\$1,482,826
Other	\$17,250	\$189,750	\$293,250
Sub Total - Items provided by BLM	\$202,041	\$3,820,505	\$6,113,838
Total - Cliffside Refiners, LP, GDA030001	(\$459,127)	(\$5,050,397)	(\$7,749,161)

\*Rounded to nearest dollar